

Ali Zia

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SKILLS

Languages & Frameworks: Python, Java, JavaScript, C/C++, HTML/CSS, React, Node.js, Express, Junit, Socket.IO

Tools: Git, Bash, Linux, SQL, Firebase, PlantUML, VS code, IntelliJ, PyCharm, NetBeans, Jupyter Notebook, Heroku

EDUCATION

McMaster University | Bachelor of Engineering – Software Engineering Co-Op

September 2021 – May 2025

- **3.8/4.0 Cumulative GPA**
- **Awards:** Engineering Award of Excellence, Dean's Honour List
- **Relevant Courses:** Object-Oriented Programming, Data Structures & Algorithms, Software Development

PROJECTS

Vacation-Valet

- Developed a Travel Advisory application that collects and organizes restaurant, attraction, and hotel data
- Used **React** and **Material-UI** to provide a user-friendly and visually appealing interface
- Implemented a data filtering feature, enabling users to refine search results based on ratings
- Utilized several **APIs** to deliver reliable information about travel destinations with photos, ratings, and reviews

Task Tracker

- Created a full-stack web application using **React** and **Tailwind CSS** that allows users to keep track of daily tasks
- Utilized **Firebase** to store, update and delete tasks in real time
- Integrated user authentication using **Firebase Authentication**, ensuring secure access to sensitive information

JobVault – Job Application Organiser

- Developed a desktop program with **Java** to map job progress by tracking and visualizing job application data
- Designed a user-friendly **Java Swing GUI** for easy record management of creating, updating, and deleting records
- Connected to a **MySQL** database to store user job application data
- Consolidated data from over **100 records** algorithmically to generate a pie chart visualization

WORK EXPERIENCE

Event Coordinator

September 2019 – January 2023

Sheridan Community Services

Mississauga, ON

- Orchestrated planning and execution of multiple large-scale events, achieving a **95%** attendee satisfaction rate
- Successfully managed event logistics accommodating **100** attendees and ensuring a **98%** on-time start rate
- Increased event attendance by **25%** through effective promotion and marketing strategies

Repair Technician

May 2022 – August 2022

Rama Centre

Mississauga, ON

- Managed **10+** repairs daily and achieved a **100%** satisfaction rate in repair efficiency and on-time completion
- Effectively identified and resolved a wide range of technical issues, reducing rework time by **35%**
- Proactively identified and resolved potential issues in repair execution, boosting repair success rates by **85%**

EXTRA-CURRICULARS

RBC Future Launch Contestant - Innovation Challenge Winner

May 2023

- Worked in a team of **4** to develop and deliver a proposal for an RBC workshop, winning amongst 12 teams

Software Design Team Lead - DeltaHack 9

January 2023

- Led a team of **3** to develop a full-stack application with **React** and **Firebase**, allowing users to chat online